

DOE Industrial Technologies Program

E-Bulletin

A Monthly Update from the U.S. Department of Energy Industrial Technologies Program

January 2004

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For additional information or to order materials, go to: Industrial Technologies Program
<http://www.eere.energy.gov/industry>
or call 800-862-2086.

Visit DOE Office of Energy Efficiency and Renewable Energy Web site at:
<http://www.eere.energy.gov/>

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Welcome to the first edition of *E-Bulletin*—your connection to news and resources from DOE's Industrial Technologies Program (ITP). Each monthly edition brings you the latest industrial news highlights, and announcements about new tools and resources, training, events, and project opportunities.

Read the *E-Bulletin* and tap into opportunities to improve industrial energy efficiency today...and tomorrow!

HEADLINES

New Climate VISION Web Site Offers Opportunities for Industry

The new [Climate VISION](#) Web site highlights President Bush's public-private partnership to reduce America's greenhouse gas (GHG) emission intensity. This combined effort between federal agencies and industry addresses the long-term challenge of global climate change. ITP assists many Climate VISION sectors to implement energy efficient technologies and energy management best practices.

Boost the Bottom Line: Lower Your Plant's Energy Bills

Check out the new [Energy Savers for Industry Plant Managers and Engineers](#) Web site to find out:

- 20 ways to save money *now* on industrial energy systems
- How other manufacturers have implemented energy savings projects
- Steps to develop an energy management action plan
- Software tools to identify savings opportunities in industrial systems
- Information on plant energy assessments and technical assistance.

Chemical Vision2020 Nanotechnology Roadmap

In September 2002, Chemical Vision2020, National Nanotechnology Initiative (NNI), and DOE ITP brought together 100 scientists, engineers, and decision-makers from industry and federal agencies. The result is a new roadmap, [Chemical Industry R&D Roadmap for Nanomaterials by Design: From Fundamentals to Function](#), which outlines research priorities in nanomaterials. Visit the [Chemical Industry Vision2020](#) Web site to review activities and summary briefings from the workshop.

ITP Corporate Peer Review: March 9-10, 2004

ITP is conducting its Corporate Peer Review in Washington, D.C., on March 9-10, 2004. The meeting is open to all industry leaders since your input is important. Industry feedback will help define and evaluate ITP's plans and strategies. The National Academy of Sciences Peer Review Panel will conduct the peer review to evaluate ITP's objectives and strategies for coming years. More details will be available on January 13 at www.itp2004.com.



U.S. Department of Energy

Energy Efficiency and Renewable Energy

Bringing you a prosperous future where energy is clean, abundant, reliable, and affordable

NEW PRODUCTS AND RESOURCES FROM ITP

ITP offers technical publications, software tools, and other resources to help address your company's industrial energy needs. Here are the latest products from ITP:

Case Studies

Aluminum – Plant-Wide Assessment

[Ohio Aluminum Industries: Compressed Air System Improvement Project Saves Energy and Improves Product Quality](#) at its Cleveland, Ohio, plant. The project had annual energy savings of 716,000 kWh and cost savings of \$73,200.

Who should read: Aluminum plant managers and personnel, industrial plant managers, energy managers, owners of industrial compressed air systems

Appliance Manufacturer – Plant-Wide Assessment

[American Water Heater Company: Compressed Air System Optimization Project Saves Energy and Improves Production at Water Heater Plant](#), in Johnson City, Tennessee. This project yielded annual energy savings of 2,345,000 kWh and maintenance savings of \$160,000.

Who should read: Industrial plant managers, energy managers, owners of industrial compressed air systems

Publications

DOE and the Compressed Air Challenge® have just published an updated edition of [Improving Compressed Air System Performance: A Sourcebook for Industry](#), a valuable desk reference that details key opportunities to improve compressed air system performance.

Visit the [ITP Web site](#) for more *BestPractices* technical publications, software tools, and case studies to help you improve efficiency, productivity, and the bottom line.

OTHER RELATED EERE ACTIVITIES

In addition to resources developed through ITP, you may be interested in other related developments throughout DOE's Office of Energy Efficiency and Renewable Energy. [Find out more.](#)

TRAINING

Boost your knowledge about managing industrial energy systems. ITP offers technical training in industrial energy systems, which is offered throughout the year and around the country. Here are upcoming training events for January and February 2004:

Jan. 20, 2004	Pumping System Assessment (End User)	Casper, WY
Jan. 27, 2004	Fundamentals of Compressed Air Systems	Raleigh, NC
Jan. 28-29, 2004	Advanced Management of Compressed Air Systems	Raleigh, NC
Feb. 20, 2004	Steam System (End User)	Cleveland, OH
Feb. 24-26, 2004	Steam System Specialist Qualification	Blythewood, SC

View the [ITP calendar](#) for upcoming workshops in your area. Learn more about [BestPractices training sessions](#) and system [software tools](#).

PROJECT OPPORTUNITIES

ITP awards cost-shared funding for R&D and plant assessment projects through a competitive merit review process. Open solicitations are:

Chemicals and Forest Products Announce DOE National Laboratory-Led Solicitations

If your company has an idea for an innovative industrial energy efficiency technology, explore how to partner with one of DOE's National Laboratories. ITP is soliciting applications from National Labs in partnership with U.S. chemical and forest product company teams. The deadline for applications is March 5, 2004. [More details.](#)

To learn more about project opportunities visit [ITP's solicitation page](#).

Related Web Links

[Industrial Technologies Program](#)
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[DOE Office of Energy Efficiency and Renewable Energy](#)
[Climate VISION](#) [Energy Savers](#)